

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dana Ault Riche et al.

Art Unit : 1645

Serial No. : 10/699,088

Examiner : Unknown

Filed : October 30, 2003

Customer No.: 20985

Confirmation No.: 7850

Title : METHODS FOR PRODUCING POLYPEPTIDE-TAGGED COLLECTIONS  
AND CAPTURE SYSTEMS CONTAINING THE TAGGED  
POLYPEPTIDES

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement and Forms PTO-1449 (2) pages and cited references for filing in connection with the above-identified application. Because this Supplemental Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:



The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

Stephanie L. Seidman

Reg. No 33,779

**Dated: November 3, 2004**

Attorney Docket No. 17102-005001 / 1754

**Address all correspondence to:**

Stephanie L. Seidman

Fish & Richardson P.C.

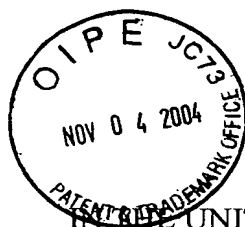
12390 El Camino Real

San Diego, California 92130

Telephone: (858) 678-5070

Facsimile: (202) 626-7796

email: seidman@fr.com



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dana Ault Riche, et al.

Art Unit : 1645

Serial No. : 10/699,088

Examiner : Unknown

Filed : October 30, 2003

Customer No.: 20985

Confirmation No.: 7850

Title : METHODS FOR PRODUCING POLYPEPTIDE-TAGGED COLLECTIONS  
AND CAPTURE SYSTEMS CONTAINING THE TAGGED POLYPEPTIDES

**Mail Stop Amendment**

Commissioner for Patents

U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE  
WITH 37 C.F.R. §§1.97-1.98**

Dear Sir:

Because this Supplemental Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (2 pages) and copies of the cited references are provided herewith in connection with the above-captioned application.

The documents listed on the Form PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed item is necessary.

Applicant also makes known to the Examiner the following related, co-pending applications:

U.S.S.N.	Filing Date	Docket No.
10/699,113	10/30/03	1755
10/699,114	10/30/03	1759
10/806,924	3/22/04	1760

60/536,184	1/12/04	P1762
60/557,591	3/29/04	P1762B

Int'l Appln. No.	Filing Date	Docket No.
PCT/US03/34821	10/30/03	1754PC
PCT/US03/34747	10/30/03	1755PC
PCT/US03/34693	10/30/03	1759PC

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references is effective as prior art against the subject application. In accordance with 37 C.F.R. 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and make them of record in the file history of the above-captioned application.

Respectfully submitted,

---

Stephanie L. Seidman  
Reg. No. 33,779

**Dated: November 3, 2004**  
Attorney Docket No. 17102-005001 / 1754  
**Address all correspondence to:**  
Stephanie L. Seidman  
Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-5070  
Facsimile: (202) 626-7796  
Email: seidman@fr.com  
10427431.doc

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's          Information Disclosure Statement</b>  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17102-005001 / 1754	Application No. 10/699,088
	Applicant Dana Ault Riche, et al.		
	Filing Date October 30, 2003	Group Art Unit 1645	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A	5,556,752	09/17/96	Lockhart et al.	435	6	10/24/94
	B	6,682,942	1/27/04	Wagner et al.	436	518	05/12/00

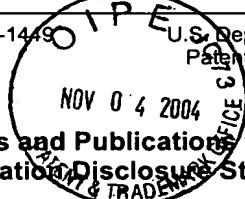
**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	C	00/24937	05/04/00	PCT				
	D	04/039962	05/13/04	PCT				
	E	04/042019	05/21/04	PCT				
	F	98/23950	06/04/98	PCT				
	G	99/32663	07/01/99	PCT				
	H	99/39210	08/05/99	PCT				
	I	99/60007	11/25/99	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	J	Boyde et al., "Vital Confocal Microscopy in Bone," Scanning 17: 72-85 (1995)
	K	Castagnoli et al., "Alternative Bacteriophage Display Systems," Combinatorial Chemistry & High Throughput Screening 4(2):121-133 (2001)
	L	Constans, A., "Do-It-Yourself Protein Arrays: Pierce's DiscoverLight Protein Array Kits simplify analysis," The Scientist 17(2): 38 (2003)
	M	Delagrave et al., "Red-shifted excitation mutants of the green fluorescent protein," Bio/Technology 13:151-154 (1995)
	N	Edmundson, A.B. et al, "Binding of peptides to proteins: an exercise in molecular design," Proceedings of the Symposium on Host-Guest molecular interactions: from chemistry to biology, held the Ciba Foundation, London, July 3-5, 1990 (Ciba Foundation symposium 158), Chichester, England: John Wiley & Sons, Ltd., pp.213-230 (1991)
	O	Geysen, H.M., "Generation of Diverse Chemically Synthesized Peptide Libraries," Peptide Chemistry: Proceedings of the 2 <sup>nd</sup> Japan Symposium on Peptide Chemistry November 9-13, 1992, Shizuoka, Japan, Leiden, The Netherlands: ESCOM Science Publishers B.V., pp. 3-6 (1993).
	P	Harlow et al. (Eds.), "Storing and Purifying Antibodies," Chapter 8 in <i>Antibodies: A Laboratory Manual</i> , New York: Cold Spring Harbor Laboratory, pp. 285-318 (1988)
	Q	Hassler, S., "Green Fluorescent Protein: The Next Generation," Bio/Technology 13: 103 (1995)

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <b>Methods for Producing Polypeptide-Tagged Collections and Capture Systems Containing the Tagged Polypeptides</b>	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office  	Attorney's Docket No. 17102-005001 / 1754	Application No. 10/699,088
	Applicant Dana Ault Riche, et al.		
	Filing Date October 30, 2003	Group Art Unit 1645	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	R	Hsu et al., "The use of antiavidin antibody and avidin – biotin – peroxidase complex in immunoperoxidase technics," Am. J. Clin. Path. 75: 816-821 (1981)
	S	Kabat et al. (Eds.), <i>Sequences of Proteins of Immunological Interest</i> , Fifth Edition, Volume I, U.S. Department of Health and Human Services, Public Health Service National Institutes of Health, NIH Publication No. 91-3242 pp. XVI (1991)
	T	Kumble et al., "Inactivation of a beta-glucosidase from <i>Arthrobotrys conoides</i> by diethyl pyrocarbonate: Evidence of histidine at the active site," Indian J Exp Biol. 30(2):99-102 (1992)
	U	Kumble et al., "Purification and characterisation of two endoglucanases from <i>Arthrobotrys oligospora</i> ," Indian J Biochem Biophys. 27(3):146-50 (1990)
	V	Lal et al., "Antibody arrays: an embryonic but rapidly growing technology," Drug Discov Today. 7(18 Suppl):S143-9. (2002)
	W	Mutch, D.A. et al., "Effects of End Groups on the Stimulatory Capacity of Minimal Length T Cell Determinant Peptides," Peptide Research. 4:132-137 (1991)
	X	New England Biolabs 2000-01 Catalog & Technical Reference, New England Biolabs, Inc. pp.. 218-231 (2000)
	Y	Pellequer et al., "Predicting Location of Continuous Epitopes in Proteins from their Primary Structures," Methods in Enzymology 203:176-201 (1991)
	Z	Selkoe, D.J., "Cellular and Molecular Biology of the Beta-Amyloid Precursor Protein and Alzheimer's Disease," Chapter 32 in <i>The Molecular and Genetic Basis of Neurological Disease</i> Rosenberg et al. (Eds.) Boston: Butterworth-Heinemann, pp.601-612 (1997)
	AA	Stryer, L., "Fluorescence Energy Transfer as a Spectroscopic Ruler," Ann. Rev Biochem 47: 819-846 (1978)
	AB	Van der Meer et al. (Eds.), "Data," Chapter 7 in <i>Resonance Energy Transfer Theory and Data</i> New York: VCH Publishers, Inc. pp. 133-173 (1994)
	AC	Wagner et al., "Ratio Encoding Combinatorial Libraries with Stable Isotopes and their Utility in Pharmaceutical Research," Combinatorial Chemistry & High Throughput Screening, 1:143-153 (1998)
	AD	Wawryznaczk et al., "Molecular and biological properties of an arbin A chain immunotoxin designed for therapy of human small cell lung cancer," Br. J. Cancer 66: 361-366 (1992)
	AE	Yang et al., "Quantitative Detection of Specific Gene Regulation with the Great EscAPE™ Secreted Alkaline Phosphatase (SEAP) Genetic Reporter System," CLONTECHniques IX(3): 1-5 (1994)

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <b>Methods for Producing Polypeptide-Tagged Collections and Capture Systems Containing the Tagged Polypeptides</b>	